

Application No. 10/529,042  
Amendment dated June 30, 2008  
Reply to Office Action of March 28, 2008

**AMENDMENTS TO THE SPECIFICATION:**

Please replace the paragraph on page 3, lines 18-33 with the following:

FIG. 1 shows a cleansing and monitoring apparatus 40, according to the invention which, in use, is positioned next to a dental chair. The cleansing and monitoring apparatus 40 has a water intake 1 that is attached, in use, to a main supply of water, or alternatively, a tank of distilled water. The apparatus has an optional ion exchange water cleansing apparatus 2 through which water from the water intake 1 passes. The output of the ion exchange unit 2 is fed through a water supply monitoring unit 3 which is coupled to a flow signal generator 4 and integral processor 6 and electrochemical device 8. Signals from the flow signal generator 4 ~~and~~ the monitoring unit 3 and the timer 5 are fed to a central processor 6 (FIG. 2) which provides control signals and power supply to the pump 9 and electrochemical device 8. Water is then fed out from the electrochemical device 8. The unit also has an optional water cup filler 12 and cup holder and is also connected to hand instruments 11. The processor 6 (FIG. 2) can receive operating signals from these to assist in control of flow of the water through the overall unit, as well as control of the electrochemical device 8. In use, water is passed out from the device 8 and to the cup filler 12 and hand instruments 11 on the basis of detected signals and the requests of an operator.

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Please replace the Abstract with the following:

A dental unit water line (DUWL) monitoring and maintenance apparatus, for monitoring a DUWL. The apparatus ~~comprises~~ has a cleansing ~~means~~ unit attached to the DUWL for cleansing the fluid passing there through. A control ~~means~~ unit controls the cleansing ~~means~~ unit associated with the water line. A monitoring ~~means~~ unit monitors the operation of the dental unit when used by a dentist and stores data related to that operation. A timer times and records data relating to both periods of dental unit activity and inactivity, wherein, in use, the control ~~means~~ unit operates to receive data from the monitoring ~~means~~ unit and the timer and, based upon that data and reference data controls the operation of the water line to control flow of fluid through that DUWL and controls the cleanser to control the overall cleansing procedures associated with both the dental unit and associated DUWL.